



LIGHTING

1. LUMINAIRE FIXTURE SHALL BE SPAULDING "CATALINA" OR EQUAL.
2. LUMINAIRE SHALL BE 70 WATT HIGH PRESSURE SODIUM VAPOR, TYPE II DISTRIBUTION.
3. LUMINAIRE SHALL BE MOUNTED AT 16 FOOT MOUNTING HEIGHT ON POLES TO CONCRETE FOUNDATIONS PER MANUFACTURER'S SPECIFICATIONS.
4. POLES SHALL BE PLACED AT 80 FEET ON CENTER.
5. PROVIDE 1" CONDUIT SCHEDULE 40 FOR CONDUIT RUNS AND TO THE BASE OF THE POLE.
6. POLES SHALL BE 2 FEET FROM THE EDGE OF THE MULTI-USE FACILITY TO THE FACE OF POLE UNLESS NOTED OTHERWISE ON PLANS.
7. LUMINAIRES SHALL BE WIRED FOR 120/240 VOLT APPLICATION.
8. LIGHTING SYSTEMS SHALL BE METERED USING MEYERS 100 AMP 120/240 SINGLE PHASE 3W METER PEDESTAL. THIS INCLUDES A HAND-OFF-AUTO SWITCH, PHOTO ELECTRIC CELL AIMED NORTH, AND A 4 POLE LIGHTING CONTACTOR SQ. D# LO-40.

RECOMMENDED MULTI-USE PATH DESIGN CRITERIA	
DESIGN SPEED	20 MPH
MAXIMUM GRADE	5%
MINIMUM PATH WIDTH	10 FEET
RECOMMENDED PATH WIDTH	12 FEET
* MINIMUM CURVE RADIUS	95 FEET
* RECOMMENDED CURVE RADIUS	125 FEET
HORIZONTAL CLEARANCE	2 FEET ON EACH SIDE OF MULTI-USE FACILITY
VERTICAL CLEARANCE	8 FEET FOR ANYTHING OVER MULTI-USE FACILITY
DIRECTIONAL DIVISIONS	MULTI-USE PATHS SHALL HAVE DIRECTIONAL DIVISIONS AT INTERSECTIONS WITH A STREET OR ANOTHER MULTI-USE PATH

*CURVILINEAR MULTIUSE PATHS NOT DESIRABLE, BUT WHEN UNAVOIDABLE, THESE RADII APPLY.

ORIGINAL SIGNATURE ON FILE
AT THE CITY OF TEMPE

APPROVED: _____
DEPUTY PUBLIC WORKS DIRECTOR DATE

APPROVED: _____
CITY ENGINEER DATE



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

MULTI-USE PATH
DESIGN AND LIGHTING DETAILS

DETAIL T-656
3 OF 3
REVISED 1998